

**CLASS SPECIFICATION**  
**County of Fairfax, Virginia**

**CLASS CODE:** 6565    **TITLE:** INSTRUMENTATION TECHNICIAN I    **GRADE:** S-16

**DEFINITION:**

Under general supervision, to perform entry level work associated with the installation, maintenance and repair of instrumentation and electronic equipment; and to do related work as required.

**ILLUSTRATIVE DUTIES:**

Assists journeyman technicians in the installation, inspection, servicing and repair of plant instrumentation equipment consisting of sensors, transmitters, amplifiers, recorders, and dial indicators;  
Makes frequent inspections of plant instrumentation, purging sensing lines, verifying zero adjustment, calibrating against test head, cleaning and replacing recorder pens;  
Makes minor adjustments and reports major problems to supervisors;  
Repairs, replaces and relocates telephone instruments and repairs and services in-plant telephone system;  
Cleans and bench tests instrumentation;  
Maintains related records.

**REQUIRED KNOWLEDGE, SKILLS, AND ABILITIES:**

Knowledge of basic electronics theory and preferably some knowledge of the functioning and maintenance of process control instrumentation;  
Skill in the use of tools and test equipment;  
Manual dexterity;  
Ability to work from oral and written instructions;  
Including circuit diagrams and manufacturer's manuals.

**EMPLOYMENT STANDARDS:**

Completion of the tenth grade, preferably high school graduation and completion of a vocational course in electronics, supplemented by one to two years of related work experience.

REGRADED:            August 23, 2010